

## CERTIFICATE OF CORRECTION

PATENT NO. : 6,812,031 B1  
APPLICATION NO. : 09/462394  
DATED : November 2, 2004  
INVENTOR(S) : Thomas Carlsson

Page 1 of 4

It is certified that error appears in the above-identified patent and that said Letters Patent is hereby corrected as shown below:

Column 1, line 62	Replace “which; before” With --which, before--
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Column 5, line 17	Replace "as, a starting" With --as a starting--
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**Column 7, line 16**

**Replace “are or course”  
With --are of course--**

Column 7, lines 51-57	Replace
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Signal/V		
Sample No.	Before det.	After det.
1	0.10	0.15
2	0.15	0.23
3	0.22	0.34

With

Sample No.	Signal/V	
	Before det.	After det.
1	0,10	0,15
2	0,15	0,23
3	0,22	0,34

Column 7, line 60	Replace "from 0.10 to 0.22 V," With --from 0,10 to 0,22 V,--
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Column 6, line 61	Replace "from 0.15 to 0.34 V." With --from 0,15 to 0,34 V.--
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UNITED STATES PATENT AND TRADEMARK OFFICE  
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It is certified that error appears in the above-identified patent and that said Letters Patent is hereby corrected as shown below:

Column 8, lines 2-7

Replace

Sample No.	Before det.	After det.
4	0.14	0.38
5	0.35	0.63

With

Sample No.	Before det.	After det.
4	0,14	0,38
5	0,35	0,63

Column 8, lines 18-22

Replace

Sample No.	Before det.	After det.
6	0.30	0.31
7	0.29	0.31

With

Sample No.	Before det.	After det.
6	0,30	0,31
7	0,29	0,31

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Column 8, lines 31-36

Replace

Sample No.	Before det.	After det.
8	0.55	0.64
9	0.59	0.67
10	0.62	0.70

With

Sample No.	Before det.	After det.
8	0,55	0,64
9	0,59	0,67
10	0,62	0.70

Column 8, lines 47-57

Replace

Sample No.	Before det.	After det.
11	0.23	0.22
12	0.23	0.22
13	0.23	0.22
14	0.23	0.22
15	0.21	0.22
16	0.20	0.22
17	0.21	0.22
18	0.21	0.21
19	0.23	0.21

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with

Sample No.	Before det.	After det.
11	0.23	0.22
12	0.23	0.22
13	0.23	0.22
14	0.23	0.22
15	0.21	0.22
16	0.20	0.22
17	0.21	0.22
18	0.21	0.21
19	0.23	0.21

Column 10, lines 4-9,  
Claim 2

Replace


"2. The method of claim 1, comprising detecting the presence of the sample by the sensor and increasing the flow rate at a point in time 0-30 seconds after the presence of sample is detected, preferably 0-20 seconds, more preferably 0-10 seconds, and most preferably immediately after such detection."

With

--2. The method of claim 1, comprising detecting the presence of the sample by the sensor.--

Signed and Sealed this

Twenty-sixth Day of September, 2006



JON W. DUDAS  
*Director of the United States Patent and Trademark Office*